

ABSTRACT OF THE DISCLOSURE

A fuel injector for fuel injection systems of internal combustion engines has a solenoid, with a valve needle pressed in the closing direction by a return spring to activate a valve closing member, which together with a valve seat surface forms a sealing seat, and an armature in friction-locking connection with the valve needle. A first guide sleeve and a second guide sleeve may be connected to the valve needle. The armature has radial play with respect to the valve needle as a result of a central opening, the diameter of which may be greater than the diameter of the valve needle.